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## RAW SEQUENCE LISTING

PATENT APPLICATION: US/09/834,271

DATE: 03/07/2002

TIME: 18:49:34

Input Set : A:\5455210 SEQLIST.TXT

Output Set: N:\CRF3\03072002\I834271.raw

ENTERED

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4 <110> APPLICANT: Widner, William
5       Sloma, Alan
6       Thomas, Michael D.
8 <120> TITLE OF INVENTION: Methods For Producing A Polypeptide In A
9       Bacillus Cell
11 <130> FILE REFERENCE: 5455.210-US
13 <140> CURRENT APPLICATION NUMBER: 09/834,271
14 <141> CURRENT FILING DATE: 2001-04-12
16 <150> PRIOR APPLICATION NUMBER: 09/031,442
17 <151> PRIOR FILING DATE: 1998-02-26
19 <150> PRIOR APPLICATION NUMBER: 09/256,377
20 <151> PRIOR FILING DATE: 1999-02-26
22 <160> NUMBER OF SEQ ID NOS: 33
24 <170> SOFTWARE: FastSEQ for Windows Version 4.0
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27 <211> LENGTH: 54
28 <212> TYPE: DNA
29 <213> ORGANISM: Bacillus
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34 <210> SEQ ID NO: 2
35 <211> LENGTH: 51
36 <212> TYPE: DNA
37 <213> ORGANISM: Bacillus
39 <400> SEQUENCE: 2
40 ccggaattcc cgggccctgc agttcgaata gctacgccta ggcgccggcg c      51
42 <210> SEQ ID NO: 3
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44 <212> TYPE: DNA
45 <213> ORGANISM: Bacillus
47 <400> SEQUENCE: 3
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50 <210> SEQ ID NO: 4
51 <211> LENGTH: 58
52 <212> TYPE: DNA
53 <213> ORGANISM: Bacillus
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59 <211> LENGTH: 37
60 <212> TYPE: DNA
61 <213> ORGANISM: Bacillus
63 <400> SEQUENCE: 5

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64 ctccgggccc atctgagctc tataaaaatg aggaggg          37
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71 <400> SEQUENCE: 6
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75 <211> LENGTH: 37
76 <212> TYPE: DNA
77 <213> ORGANISM: Bacillus
79 <400> SEQUENCE: 7
80 ccaggcctta agggccgcat gcgtccttct ttgtgct          37
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83 <211> LENGTH: 30
84 <212> TYPE: DNA
85 <213> ORGANISM: Bacillus
87 <400> SEQUENCE: 8
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93 <213> ORGANISM: Bacillus
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130 <210> SEQ ID NO: 14
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135 <400> SEQUENCE: 14
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146 <210> SEQ ID NO: 16
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162 <210> SEQ ID NO: 18
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165 <213> ORGANISM: Bacillus
167 <400> SEQUENCE: 18
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172 <212> TYPE: DNA
173 <213> ORGANISM: Bacillus
175 <400> SEQUENCE: 19
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179 <211> LENGTH: 48
180 <212> TYPE: DNA
181 <213> ORGANISM: Bacillus
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187 <211> LENGTH: 3050
188 <212> TYPE: DNA
189 <213> ORGANISM: Bacillus
191 <400> SEQUENCE: 21
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193 taatgttaag cttaattaaa gataatatct ttgaattgta acgccccctca aaagtaagaa 120

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194	ctacaaaaaa	agaatacgtt	atatagaaat	atgtttgaac	cttcttcaga	ttacaaatat	180
195	attcggacgg	actctacctc	aaatgcttat	ctaactatag	aatgacatac	aagcacaacc	240
196	ttgaaaatth	gaaaaatata	ctaccaatga	acttgttcat	gtgaattatc	gctgtattta	300
197	atthttctca	ttcaatatat	aatatgcca	tacattgtta	caagtagaaa	ttaagacacc	360
198	cttgatagcc	ttactatacc	taacatgatg	tagtattaaa	tgaatatgta	aatatattht	420
199	tgataagaag	cgacttattt	ataatcatta	catatttttc	tattggaatg	attaagattc	480
200	caatagaata	gtgtataaat	tatttatctt	gaaaggaggg	atgcctaaaa	acgaagaaca	540
201	ttaaaaacat	atatttgcac	cgtctaattg	atthtatgaa	aatcatttht	tcagtttgaa	600
202	aattatgtat	tatgataaga	aaggaggagg	gaaaaatgaa	tccgaacaat	cgaagtgaac	660
203	atgatacaat	aaaaactact	gaaaaataatg	aggtgccaac	taacatgtt	caatatcctt	720
204	tagcggaaac	ttcaaatcca	acactagaag	atthaaatta	taaagagtht	ttaagaatga	780
205	ctgcagataa	taatacggaa	gcactagata	gctctacaac	aaaagatgtc	attcaaaaag	840
206	gcattttcgt	agtaggtgat	ctcctaggcg	tagtaggtth	cccgtttggt	ggagcgcttg	900
207	tttcgttht	tacaaactth	ttaaatacta	tttgccaag	tgaagaccg	tggaggctt	960
208	ttatggaaca	agtagaagca	ttgatggatc	agaaaatagc	tgattatgca	aaaaataaag	1020
209	ctcttgacga	gttacagggc	cttcaaaata	atgtcgaaga	ttatgtgagt	gcattgagtt	1080
210	catggcaaaa	aaatcctgtg	agttcacgaa	atccacatag	ccaggggagg	ataagagagc	1140
211	tgthttctca	agcagaaagt	cattttcgta	attcaatgcc	ttcgthtgca	atthctggat	1200
212	acgaggttht	atthctaaaca	acatatgcac	aagctgcca	cacacattta	ttthtactaa	1260
213	aagacgctca	aatttatgga	gaagaatggg	gatacgaaaa	agaagatatt	gctgaattth	1320
214	ataaaaagaca	actaaaactt	acgcaagaat	atactgacca	ttgtgtcaaa	tggtataatg	1380
215	ttggattaga	taaattaaga	ggttcattct	atgaatcttg	ggtaaactth	aaccgttatc	1440
216	gcagagagat	gacattaaca	gtattagatt	taattgcact	atttccattg	tatgatgttc	1500
217	ggctataccc	aaaagaagtt	aaaaccgaat	taacaagaga	cgtthttaaca	gatccaattg	1560
218	tcggagtcaa	caaccttagg	ggctatggaa	caaccttctc	taatatagaa	aatttatattc	1620
219	gaaaaccaca	tctatttgac	tatctgcata	gaattcaatt	tcacacggcg	ttccaaccag	1680
220	gatattatgg	aaatgactct	ttcaattatt	ggtccggtaa	ttatgttht	actagaccaa	1740
221	gcataggatc	aaatgatata	atcacatctc	cattctatgg	aaataaatcc	agtgaacctg	1800
222	tacaaaatth	agaatttaat	ggagaaaaag	tctatagagc	cgtagcaaat	acaaatcttg	1860
223	cggctctggc	gtccgctgta	tattcagggtg	ttacaaaagt	ggaatttagc	caatataatg	1920
224	atcaaacaga	tgaagcaagt	acacaaaact	acgactcaaa	aagaaatgtt	ggcgcggtca	1980
225	gctgggattc	tatcgatcaa	ttgcctccag	aaacaacaga	tgaacctcta	gaaaagggat	2040
226	atagccatca	actcaattat	gtaatgtgct	thttaatgca	gggtagtaga	ggaacaatcc	2100
227	cagtgttaac	ttggacacat	aaaagtgtag	actththtaa	catgattgat	tcgaaaaaaa	2160
228	ttacacaact	tcggttagta	aaggcatata	agttacaatc	tggtgcttcc	gttgctgcag	2220
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234	ctggagataa	agthttatata	gacaaaattg	aattthttht	agtgaattaa	attaactaga	2580
235	aagtaaagaa	gtagtgaaca	tctatgatag	taagcaaagg	ataaaaaaat	gagthcataa	2640
236	aatgaataac	atagtgttht	tcaacttht	ctthttgaa	gtagatgaag	aacactatth	2700
237	thattthtcaa	aatgaaggaa	gtththtaata	tgtaatcatt	taaagggaac	aatgaaagta	2760
238	ggaaataagt	cattatctat	aacaaaataa	cattththt	tagccagaaa	tgaattataa	2820
239	tattaatctt	thtcaaatth	acgtththt	aaacgttht	tagctthcaag	acgtthtaga	2880
240	tcacatcaat	thgtatacag	agctgtthgt	thcatcgagt	tatgtcccat	thgattcgct	2940
241	aatagaacaa	gatctthtatt	thcgtthataa	tgattggtht	cataagtatg	gcgtaattth	3000
242	tgagggctth	thththtctc	aaaagccctc	gtgtattht	ctgtaagctt		3050

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246 <212> TYPE: DNA
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252 <210> SEQ ID NO: 23
253 <211> LENGTH: 22
254 <212> TYPE: DNA
255 <213> ORGANISM: Bacillus
257 <400> SEQUENCE: 23
258 tgtcaacccc ctttattcc tt 22
260 <210> SEQ ID NO: 24
261 <211> LENGTH: 28
262 <212> TYPE: DNA
263 <213> ORGANISM: Bacillus
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276 ataaaggggg gttgttatta ttttactgat atgtaaaata taatttgtat aagaaaatgg 180
277 agctc 185
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286 ctgtcatcag acagggtatt ttttatgctg tccagactgt ccgctgtgta aaaaaatagga 120
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